

From: ["Powell, Greg" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE:GROUP \(FYDIBOHF23SPDLT\)/CN=RECIPIENTS/CN=08E47C9BF41B4B16BDA2A12417E29DE9-POWELL,GREG>](#)

To: [Way](#)
[Steven; Towle](#)
[Michael](#)

CC:

Date: 12/10/2014 5:31:37 AM

Subject: FW: Bakken Presentation

Attachments: [Bakken Oil Spill Response NWAC.pptx](#)

You guys see this?

From: Franklin, Richard
Sent: Wednesday, December 03, 2014 5:23 PM
To: Liverman, Earl; Weigel, Greg; Stroud, Fred; Powell, Greg
Subject: Bakken Presentation

Hi Guys. As promised, I've attached the Bakken presentation that I created for the recent Region 10 RRT/NWAC meeting in Boise, and for other workshops we've conducted. As part of the presentation, I utilized data from a Bakken Unit train we sampled here, so we could have an idea of what's coming to Oregon thru Idaho and Washington. The data is cited and used in the presentation.

Take a look. I'm sure it could be better, but I think it's a good start. Also, you'll notice a NORM module is in the presentation, which seems out of sync with the subject. The reason it's in there, is because I wanted to inform and address the concern (from some media reports), that the Bakken was "radioactive!!!" and had NORM in it – which by the way is bogus. We ran several rad survey instruments on the samples and found no levels of radiation above background. I also wanted to address H&S gaps that the railroads are NOT addressing, hence the H2S refresher and air monitoring topics addressing H2S and Benzene.

I also have a 2 hour presentation covering basics of crude oil.

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